

CLAIMS

1. An alkaline battery comprising: a positive electrode mixture comprising manganese dioxide and nickel oxyhydroxide as active materials; a negative electrode comprising zinc as an active material; and an alkaline electrolyte, characterized in that the potential of said manganese dioxide relative to a mercury/mercury oxide electrode in a potassium hydroxide aqueous solution having a KOH concentration of 40 wt% is 270 mV or higher.

2. The alkaline battery in accordance with claim 1, wherein with respect to the total amount of said manganese dioxide and said nickel oxyhydroxide, the content of said manganese dioxide is from 20 to 90 wt% and the content of said nickel oxyhydroxide is from 10 to 80 wt%.

3. The alkaline battery in accordance with claim 1, wherein said manganese dioxide is electrolytic manganese dioxide whose potential is heightened by cleaning with an aqueous solution of sulfuric acid.

4. The alkaline battery in accordance with claim 3, wherein the concentration of sulfuric acid in said aqueous solution of sulfuric acid is 10 wt% or higher.